

I Quit?

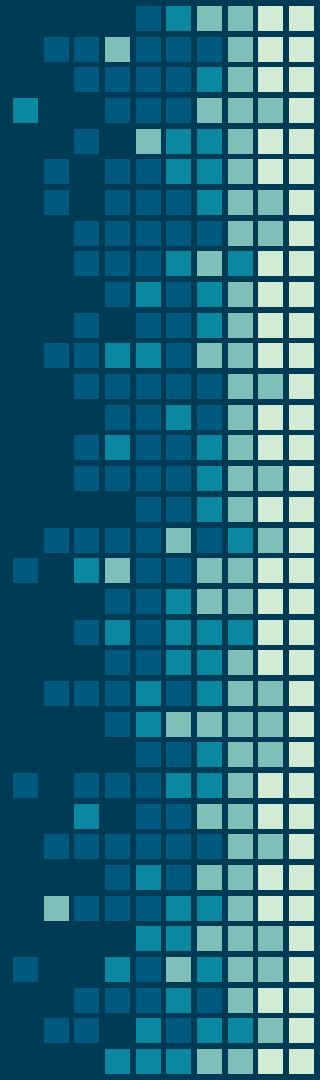
A predictive analysis

By Karl Davidson



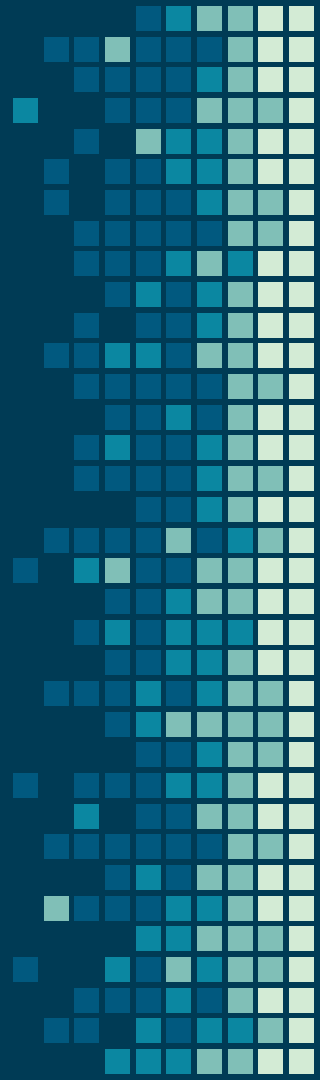
Outline

- Brief Overview
- Variable Investigation
 - Regression
 - Flow Chart
- The model
- Recommendations



What's up, Data?

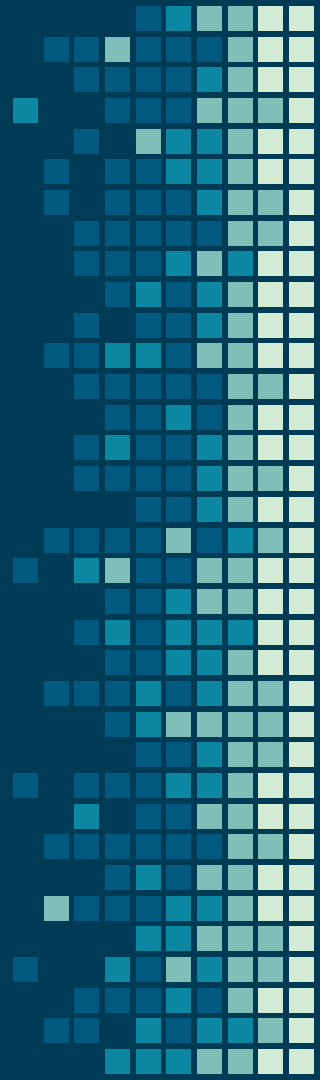
- Total Churns: 24%
- 60% of people:
 - Scored above 0.65*
- 50% of people:
 - Are 65% satisfied**
 - Work 200+ hours/month



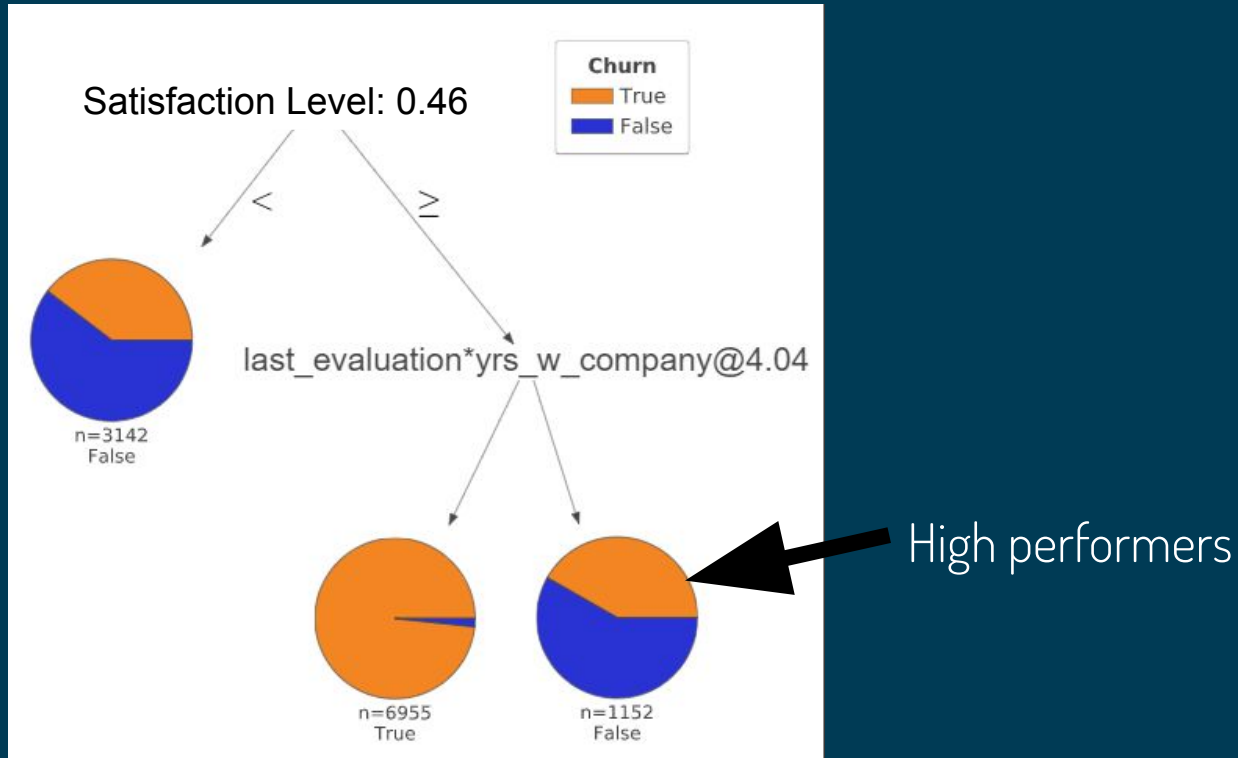
But, I Regress

A Regression analysis showed that the following had a heavier effect on the churn rate (in this order)

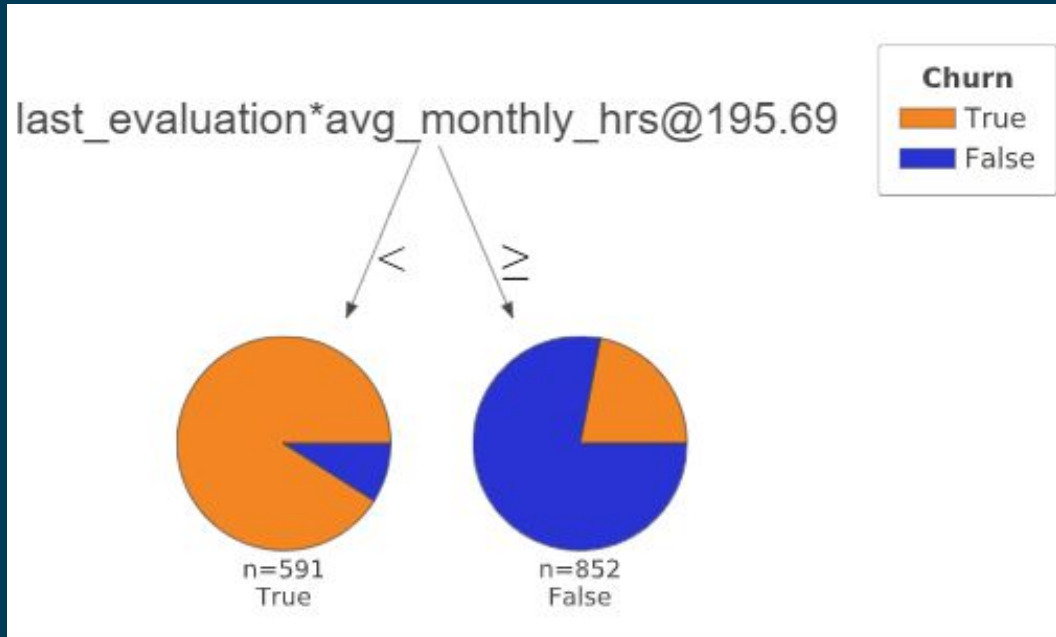
- a. Satisfaction Level
- b. Years with Company
- c. Last Evaluation
- d. Salary



That Flow, though

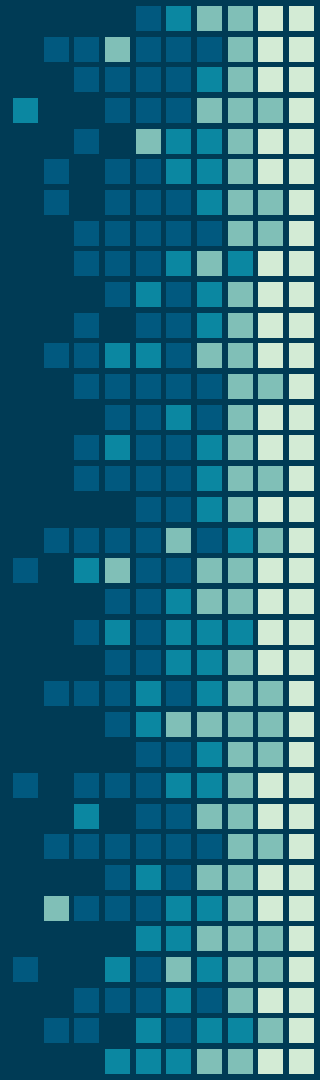


High Performance!



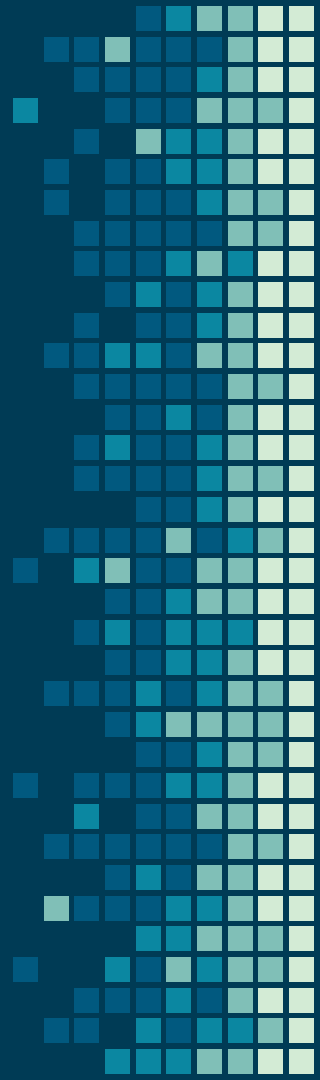
Model Overview

- 97% Accuracy for True predictions vs. missed predictions
- Model/Code to be sent via email after this presentation



Recommendations

- Track differences in evaluation and satisfaction scores between periods of measurement
- Keep track of those with higher evaluation scores who's hours start to drop
- Avoid giving higher scorers a heavier workload
- One of the heaviest trackers of leaving is
 - Satisfaction Level * Years with Company
 - Consider more incentive for these individuals to stay – perhaps they are moving on
 - Gather Demographic data



THANK YOU

